

Korshak, V. V. and Gribova, I. A.
EXAMINATION OF THE KINETICS OF COPOLY-
MERIZATION OF DIISOCYANATES WITH GLYCOLS
[1960] 16p. 4 refs. M 1880.

Order from I.C. or SLA m\$2.40, ph\$3.30 61-13203

Trans. of [Akademiya Nauk SSSR. Otdeleniye
Khimicheskikh Nauk. Izvestiya] 1954, no. 4
[p. 670(?) - 676(?)].

The kinetics of the reaction of the joint polymeriza-
tion of diisocyanate diphenylmethane with tetra-
methyleneglycol at the temperatures 145° and 155°C
in a solution of nitrobenzene at solution concentra-
tions of 0.352 and 0.0703 mol/l was investigated.
The speed of growth of the molecular weight of poly-
urethane in the time for joint polymerization of
diisocyanate diphenylmethane with tetramethylene-
glycol was studied. With a growth of concentration
of the initial substances and with increasing tempera-
tures, the speed of reaction of joint polymerization of
(Chemistry--Organic, IT, v. 5, no. 7) (over)

61-13203

1. Copolymerization--
Analysis
2. Glycols--Polymerization
3. Isocyanates--Polymerization
- I. Korshak, V. V.
- II. Gribova, I. A.
- III. DSIR LLU M. 1880

Office of Technical Services

Macromolecular Compounds. Communication 59.
Stereochemistry of α -Methylstyrenes in Its
Relation to Their Tendency to Undergo Poly-
merization, by V. V. Korshak, N. G. Matveyeva,
4 pp.

RUSSIAN, bimo per, Is Ak Nauk SSSR, Otdel Khim
Nauk, No 4, USSR, 1953, pp 751-756.

Consultants Bureau

Scientific - Chemistry

Dec 54 CTS

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Macromolecular Compounds. Communication 58.
Steric Hindrance in the Polymerisation of
Nuclear-Substituted Styrenes, by V. V. Korshak,
N. G. Matveyeva, 7 pp.

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Nauk, No 3, May/Jun 1953, USSR, pp 547-555.

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Macromolecular Compounds. Communication 57.
The Relation Between the Polymerization
Capacity and the Structure of Some Unsymmetrical
Diarylethylenes, by V. V. Korshak, N. G. Matveyeva,
3 pp.

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CIA C 36692

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Effect of Stereochemical Factors on the Polymer-
izability of Halogen-Substituted Ethylenes, by
V. V. Korshak, N. G. Matveeva, 5 pp.

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Nauk, No 2, Mar/Apr 1953, pp 344-350.

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Scientific - Chemistry CTS/DEX

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Macromolecular Compounds. Communication 55.
Application of Interchain Exchange Reactions
in Linear Polycondensation Processes, by G. R.
Refikov, V. V. Korshak, G. N. Chelnokova,
6 pp.

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Dec 54 CTS

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Macromolecular Compounds. Communication 54.
Elementary Reactions of the Polyesterification
Process, by V. V. Korshak, S. V. Vinogradova,
4 pp.

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Polycondensation of 1-Bromo-3-chloropropane
With Benzene, by G. S. Kolesnikov, V. V. Korshak,
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Nauk, No 2, Mar/Apr 1953, pp 336-343.

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Investigation of the Polyester Exchange Reaction
by the Use of Deuterium, by D. N. Kursanov,
V. V. Korshak, S. V. Vinogradova, 4 pp.

Full translation.

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No 1, Jan/Feb 1953, pp 140-144.

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Polycondensation of Acid Esters of Adipic Acid
With Various Glycols, by V. V. Korshak, S. V.
Vinogradova, 4 pp.

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No 5, USSR, 1953, pp 951. 61A D 151001

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Macromolecular Compounds. Communication 63.
Polyesters of 1,20-Eicosanediol, by V. V.
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CIA D 151103

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Systematics of Macromolecular Compounds.
(Nomenclature and Classification of Macromole-
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Nauk, No 2, Mar/Apr 1953, pp 321-335.

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Influence of Stereochemical Factors on the Affinity
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V. V. Korshak, N. G. Matveeva, 7 pp.

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USDA Tr

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4781

Macromolecular Compounds. Communication 43. Significance
of Acidolysis in the Polyesterification Reaction,
by V. V. Korzhak, S. V. Vinogradova, 5 pp.

Full translation.

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No 1, Jan-Feb 1952, pp ~~182-183~~. 180-184.

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Aug 53 GTS

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Macromolecular Compounds Communication 44. Polyesters
of Certain Aromatic Dicarboxylic Acids, by
V. V. Korshak, T. A. Soboleva, 4 pp.

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Mar 54 CTS/DEX

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Significance of the Decarboxylation of Dicarboxylic
Acids in the Polycondensation Process, by V.V. Korshak,
S. V. Rogozhin, 7 pp.

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Mar 54 CTB/DEK

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High-Molecular Compounds. XLVII. The Mechanism
Involved in Chain Growth and the Reasons for its
Stoppage During a Polyesterification Reaction, by
V.V. Korshak and S.V. Vinogradova, 6 pp.

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High-Molecular Compounds. XLVI. The Polymerization
of 2,6-Dimethyl-4-tert-butylstyrene, by V.V. Korshak
and N.G. Matveeva, 3 pp.

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Jul 1952, pp 1173-1175.

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R-960

Feb 54 CTS

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Synthesis of Hydrocarbons by the Action of Hexachloroethane Upon Organomagnesium Compounds, by V. V. Korshak and T. D. Kozarenko, 2 pp.

Full translation

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CIA D 182377

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Dec 53 CTS

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High-Molecular Compounds. 52. Reactions of Polyester
Macromolecules With Each Other, by V. V. Korshak,
S. V. Vinogradova, 8 pp.

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THE IMPORTANCE OF EXCHANGE REACTIONS IN THE POLYCONDENSATION PROCESS. [1963] 6p (figs omitted) 5 refs
Order from OTS or SLA \$1.10 63-18667

Trans. of Akademiya Nauk SSSR. Doklady, 1952, v. 82 [no. 4] p. 589-591. (Abstract available)

DESCRIPTORS: *Polyamide plastics, *Condensation reactions, *Exchange reactions, *Sebacic acid, *Amines, Ethanol, Polymerization, Electron diffraction analysis, Chemical equilibrium.

A study was made of the polycondensation products of sebacic acid with monoethanolamine and N, N-di-(β -hydroxyethyl-) sebacamide. Melting point determined. (Chemistry--Organic, TT, v. 11, no. 1) (over)

TT-63-18667

1. Title: Diethanol sebacamide
2. Title: Ethanolamine
- I. Korshak, V. V.
- II. Chelnokova, G. N.
- III. Distler, G. I.

Office of Technical Services

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DE L'IMPORTANCE DES RÉACTIONS D'ÉCHANGE
DANS LA POLYCONDENSATION (Role of Exchange
Reaction in the Polycondensation Process). 5p. 5 refs.
CNRS-VIII bis 275.
Order from OTS, ETC or CNRS \$1.10 TT-62-26717

Trans. in French of Akademiya Nauk SSSR. Doklady,
1952, v. 82, no. 4, p. 589-591.
Another trans. is available in English from OTS,
SLA or ETC as TT-63-18667 [1963] 6p.

DESCRIPTORS: Exchange reactions, *Condensation
reactions, Polymers, Carbon compounds, *X-ray
diffraction analysis.

(Chemistry--Organic, TT, v. 11, no. 11)

TT- 62-26717

- I. Korshak, V. V.
- II. Chelnokova, G. N.
- III. Distler, G. I.
- IV. CNRS-VIII bis 275
- V. Centre National de la
Recherche Scientifique,
Paris

Office of Technical Services
European Translations Centre

On Steric Hindrances During Polymerization of
2,6-Dimethyl-4-Tert.-Butylstyrene, by V. V.
Korshak, N. G. Matveeva, 5 pp.

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Vol LXXVIII, No 6, 21 Jun 1951, pp 1145-1148.

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R-813

Scientific - Chemistry

Feb 56 CTS/DEX
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HIGH-MOLECULAR COMPOUNDS **XXI**. THE SYNTHESIS OF 2-
METHOXY-1-VINYLNAPHTHALENE

5 pages

PP 397-401

RUSSIAN, Zhur Obshch Khim. Vol XXI, No 2, Feb, 1951

QIP 182337

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Consultants Bureau Translation

Transarylation of Diarylalkylenes, by V. V. Korshak,
G. S. Kolesnikov, 8 pp.

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pp 69-72.

SIA R-2778

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Preparation of Hydrocarbons from Organ-magnesium
Compounds by the Action of Hexachloroethane, by V. V.
Korshak, T. D. Kezerenko, 7 p.

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Report XXVI. One Peculiarity of the Process of
Chemical Destruction of High Molecular Weight Compound
by V. V. Korshak.

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk.
No 1, 1950, pp 51-55.

A 5869

ABC Tr 1455

Scientific - Chemistry, molecular weight ~~main~~ compound.

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New type of Linear-Polycondensation Reactions-
Molecular Rearrangement, by V. V. Korshak and
G. S. Kolesnikov.

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A. 5604

High-Molecular Compounds. XXVI. Polymerisation of
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V. V. Korschak, K. K. Samplavskaya, N. M. Dovalskaya.

The Journal of General Chemistry of the USSR, Vol XX,
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EEN NIEUW REACTIETYPEN VOOR LINEAIRE
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Reaktsii Lineinoli Polikondensatsii Ferearilitirovani). Tr.
by L. Jeurissen. 5p. CBT-III-6.
Order from CBT as CBT-III-6

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v70 n4 p625-7 1950.
Another trans. is available from SLA as R-4039.

I. Centre Belge de Traductions
Brussels (Belgium)

European Translations Centre

The Change in the Molecular Weight of High
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No 4, 1949, pp 525-528.

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Sci - Chem

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Change in Molecular Weight of High Molecular Weight
Compounds in the Process of Chemical Destruction, by
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Full translation.

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No 4, 1949, pp 525-528.

ABC Tr 1454

ATS RJ-1640

Scientific - Chemistry, molecular weight

A-5866

Dec 52 CTS/DEX

Sc Tr Enter RT-1084

Investigation in the Field of High Molecular Compounds. Communication 21. On the Polycondensation of Glycol With Adipic Acid, by V. V. Korabek, and V. V. Golubev.

Full translation.

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ABC Tr 1281

A-3381

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Jan 52 CEB

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The Kinetics of the Polyamidation Reaction,
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No 5, 1949, pp 487-492.

CIA/FDD X-2211

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Nov 1956 CTS/dex

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The Mechanism of Linear Polycondensation, by
V. V. Korshak.

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High Molecular Compounds, 1949.

MLL Ref: 5828.4 1963 (5,223)
(loan)

Sci - Chem
Jul 63

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The Mechanism of Linear Polycondensation, by
V. V. Korshak.

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High Molecular Compounds, 1949.

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The Importance of Component ~~and~~ Ratio for the
Process of Linear Polycondensation, by
V. V. Korshak.

RUSSIAN, rpt, Paper Taken From 6th Conference on
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RUSSIAN, rpt, Paper Taken From 6th Conference on
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Mechanism of Friedel-Crafts Reaction. VII. Reaction of Vinylidene Chloride With Benzene, by V. V. Korschak, K. K. Samplavskaya.

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Assoc Tech Serv RJ-1440
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Tetraethyllead, by V. V. Korshak, G. S.
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Reaction, Pt. 6. Acidolysis and Aminolysis of
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8 pp.

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MECHANISM OF THE FRIEDEL-CRAFTS RE-
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Order from OTS or SLA \$1.10

62-10850

[Condensed] trans. of Zhurnal Obshchei Khimii (USSR)
1944, v. 14, no. 6, p. 435-437.

DESCRIPTORS: *Friedel-Crafts reactions, Chemical
reactions, Benzenes, Ketones.

(Chemistry--Organic, TT, v. 7, no. 11)

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II. Kolesnikov, G. S.

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(NY-~~100~~3000)

Delays in Building a New Synthetic Rubber
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Electro-Slag Welding of Press and Machine Tool
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A Contribution to the Algal Flora of the Kola Peninsula, by A. A. Korshikov.

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Analysis of Fluoroorganic Compounds. Simultaneous
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Reaction of chromium (III) chloride with sodium,
potassium, and magnesium chlorides in melts, by
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Investigation of the Chlorination of Niobium
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E. KORSHUNOV

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Analysis of Fluoroorganic Compounds, Simultaneous
Microdetermination of Fluorine, Carbon, and Hy-
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Simultaneous Microdetermination of Fluorine, Carbon,
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AEC Tr 1282

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AEC Tr 1333

Sc Tr Center RT-1020

Avail in OSI Jun 52 CTS

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AS 872

Handwritten: *Handwritten Note*

Improvement of the Method for the Direct Determination
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Rapid Methods ^{of} Microelementary Analysis:
3-Determination of C and H in Nitrocompounds
Without Using Lead Peroxide, by M. O. Korshun,
V. A. Klimova,

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Tr 512

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Rapid Methods of Elementary Microanalysis:
New Dry Absorbent for Extraction of Oxides
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R.A.E. Farnborough Tr 516

Scientific - Chemistry

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Rapid Methods of Microelementary Analysis,
by M. O. Korshun, V. A. Klimova, **SIS**

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See Doc Ref 55/1051

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Order from OTS, ETC or CNRS \$0.95 TT-62-28308

Trans. in French of "Zhurnal Analiticheskoi Khimii
(USSR), 1958, v.13, no.6, p.695-701.
Other translations in English are available from OTS
or SLA \$1.60 as 62-15431 and from CB \$7.50.

DESCRIPTORS: *Microanalysis, Carbon, Hydrogen,
Halogens, *Organic compounds.

(Chemistry--Analytical, TT, v. 11, no. 6)

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- II. Gel'man, N.E.
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COMMUNICATION 4 (Apparatura dlya
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Trans. of mono. Obmen Opytom i Tekhnika
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Technical Laboratory Work) n.p., n.d., p. 754-756.

DESCRIPTORS: *Sulfur, Microanalysis, *Laboratory
equipment, Determination.

(Chemistry--Analytical, TT, v. 8, no. 12)

62-10579

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reign text included) 4refs. CNRS-VIII bis 398.
Order from OTS, ETC or CNRS \$1.10 TT-62-28172

Trans. in French of Akademiya Nauk SSSR, Doklady,
1956, v.111, no.6, p.1255-1256.

DESCRIPTORS: *Microchemistry, *Fluorine, Mag-
nesium compounds, Oxides, *Organic compounds,
Fluorides, Carbon, Hydrogen, *Quantitative analysis,
Combustion, Oxygen.

(Chemistry--Analytical, TT, v. 11, no. 8)

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